

Work Order ID 160881

Friday, May 05, 2017 9:17:17 AM

160881

Page 1

Item ID: PB67-43001-01

Accept

N900040100

Setup Start ***NS1***

Revision ID:

DAS
21
9-89

Stop ***NS2***

Item Name: Fwd Blade Fold Assembly

Start Date: 6/5/2017 Start Qty: 1.00

1

Cust Item ID:

Required Date: 7/18/2017 Req'd Qty: 1.00

1

Customer:

Reference: SCHEDULED/U

Approvals: Process Plan: **DAS**

Date: **MAY 05 2017**

Date:

Run Start ***NR1***

QC: **21**

Date: SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
B67-43001-01	D								

100

0.00

100

Small Fab

Small Fab

Memo

2.35

1- Assemble as per dwg and notes on dwg B67-43001 and use 242 threadlock Blue
A/R shown on dwg PB67-43001 page 2.
242 THREADLOCK Blue batch: **133046**
A/R touch up paint with sandflex green
batch: **132664 126701**

CPC
DAS
19
9-89
2 **JUN 21 2017**

110

QC5- Inspect part completeness to step on W/O

0.00

110

QC

Memo

0.02

Quality Control

2 **17-06-22**

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____						
Misidentified ☐	☐	Past Due ☐							

Work Order ID 160881

Friday, May 05, 2017 9:17:17 AM

160881

Page 2

Item ID: PB67-43001-01 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Fwd Blade Fold Assembly
Start Date: 6/5/2017 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 7/18/2017 Req'd Qty: 1.00 ***1*** Customer:
Reference: SCHEDULED/U

Approvals: Process Plan: Date: Tooling: Date: Run Start ***NR1***
QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Identify as per dwg & Stock Location: _____	0.00							
120									
Packaging	Memo <i>fg</i>	0.01		2		DAS 27 9-89	DAS 28 9-89		
Packaging									
130	QC21- Final Inspection - Work Order Release	0.00							
130									
QC	Memo <i>yan</i>	0.10							
Quality Control									

JUN 23 2017

17/6/27 *[Signature]*

[Signature] JUN 23 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
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Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

Friday, May 05, 2017 9:17:16 AM

Page 1

Work Order ID: 160881

160881

Parent Item: PB67-43001-01

PB67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 08-07-30 new issue DD verified by:ec
 IPP Rev:B 08-12-04 up date part list DD Verified by:ec IPP
 RevC 10.09.24 per RevC EC verified by:DD IPP REV:D
 16.11.21 DWG REV.D DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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240-107		Purchased		No		100	Each	90.0000	8	816			
240-107									**			DAS	
SPRING SLOTTED PIN												6	JUN 15 2017
												9-89	

Location	Loc Qty	Loc Code
ST579	90	
m132006	1	
m134651	89	

30345T22		Purchased		No		100	Each	1.0000	2	24			
30345T22									**			DAS	
8" LANYARD												6	JUN 15 2017
												9-89	

Location	Loc Qty	Loc Code
ST581	1	
m135138	1	

30345T24		Purchased		No		100	Each	1.0000	2	24			
30345T24									**			DAS	
LANYARDS												6	JUN 15 2017
												9-89	

Location	Loc Qty	Loc Code
ST581	1	
m135525	1	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

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Page 2

Work Order ID: 160881

160881

Parent Item: PB67-43001-01

PB67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

AN4-10A

Purchased

No

100

Each

162.0000

2

24

DAS

6

9-89

JUN 15 2017

AN4-10A

Bolt

**

Location

Loc Qty

Loc Code

over003

125

M137412

125

ST345

37

M134762

37

24

AN4-13A

Purchased

No

100

Each

506.0000

2

24

DAS

6

9-89

JUN 15 2017

AN4-13A

Bolt

**

Location

Loc Qty

Loc Code

FG

20

122808

20

GA

70

m134634

19

m135470

51

over003

200

m137371

200

Return2017

8

m135470

8

ST344

208

m137321

208

137544

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____						
Misidentified ☐	☐	Past Due ☐							

Picklist Print

Friday, May 05, 2017 9:17:16 AM

Work Order ID: 160881

160881

Parent Item: PB67-43001-01

PB67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

AN4-15A Purchased No

100 Each 206.0000 4 *4 6*

AN4-15A

Bolt

DAS
6
9-89

JUN 15 2017

Location	Loc Qty	Loc Code
GA	10	
120449	10	
ST343	189	
m108868	24	
m132317	8	
m134606	8	
m135127	1	
m137280	148	
ST3434	7	
m134055	7	

AN6-11A Purchased No

100 Each 4.0000 2 *2 4*

AN6-11A

BOLT

DAS
6
9-89

JUN 15 2017

Location	Loc Qty	Loc Code
ST335	4	
M132576	4	

AN6-16A Purchased No

100 Each 1.0000 2 *2-4*

AN6-16A

BOLT

M137459 X 3 DAS
6
9-89

JUN 15 2017

Location	Loc Qty	Loc Code
ST334	1	
m132576	1	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER :					

Pieclist Print

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Work Order ID: 160881

160881

Parent Item: PB67-43001-01

PB67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

AN8-13A Purchased No 100 Each 7.0000 2

AN8-13A

Bolt

**

DAS

6

9-89

JUN 15 2017

Location

Loc Qty

Loc Code

ST332

7

M135945

7

BSP43 Purchased No 100 Each 4.0000 4

BSP43

RIVET

**

DAS

6

9-89

JUN 15 2017

Location

Loc Qty

Loc Code

ST557

4

M132703

4

CR3213-4-05 Purchased No 100 Each 0.0000 2

CR3213-4-05

RIVET

**

DAS

6

9-89

JUN 15 2017

D3445-041 Manufactured No 100 Each 6.0000 1

D3445-041

Belt Assembly

**

DAS

10

9-89

JUN 15 2017

Location

Loc Qty

Loc Code

Mezz2

6

142650

6

D3447-3 Manufactured No 100 Each 7.0000 2

D3447-3

Square Spacer

**

DAS

19

9-89

JUN 15 2017

Location

Loc Qty

Loc Code

Mezz2

① 5

153564

5

WA003

② 2

153803

③ 2

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : _____							

Picklist Print

Friday, May 05, 2017 9:17:16 AM

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Work Order ID: 160881

160881

Parent Item: PB67-43001-01

PR67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

D3447-7 Manufactured No

100 Each

9.0000

2

**

JUN 2 1 2017

DAS
19
9-89

D3447-7

Clevis

Location

Loc Qty

Loc Code

Mezz2

9

153562

3

153817

6

D3447-9 Manufactured No

100 Each

8.0000

2

**

JUN 2 1 2017

DAS
19
9-89

D3447-9

Swing Arm

Location

Loc Qty

Loc Code

Mezz2

8

153919

8

D3451-041 Manufactured No

100 Each

0.0000

1

**

JUN 2 1 2017

DAS
19
9-89

D3451-041

Handle And Lock-Down Assembly

D3451-047

Manufactured No

100 Each

0.0000

1

**

JUN 2 1 2017

DAS
19
9-89

D3451-047

Handle And Lock-Down Assembly

D3922-1

Manufactured No

100 Each

16.0000

2

**

DAS

JUN 15 2017

D3922-1

Clip

Location

Loc Qty

Loc Code

ST057

16

111733

2

148014

14



Work Order update only

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS									
Part No. _____		Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐		
		Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐		
NCR No. _____		Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐		
Suspected Unapproved		☐		Large Fab	☐	Composite	☐	Supplier	☐				
Date: _____	Step #: _____	QTY Effective : _____							MRB (QS1042) Approval				
Description Work Order Deviation				Disposition									
												Completed By	
												Lead hand / Supervisor Approval Verification	
												QC / QA Coordinator Approval	
Root Cause				FAULT CATEGORY									
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐		
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐		
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐		
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐		
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐		
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐		
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐		
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐		
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐		
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐		
Past Expiry Date	☐	Manufacturing Process	☐										
Misidentified	☐	Past Due	☐	OTHER :									

Picklist Print

Page 6

Friday, May 05, 2017 9:17:16 AM

Work Order ID: 160881

160881

Parent Item: PB67-43001-01

PB67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

MS17984-C408 Purchased No

100 Each 6.0000 2

MS17984-C408

Quick Release Pin

**

24

DAS
6
9-89

JUN 15 2017

Location Loc Qty Loc Code

ST315 6

M136349 6

MS17984-C418 Purchased No

100 Each 10.0000 2

MS17984-C418

QUICK RELEASE PIN

**

2/24

DAS
6
9-89

JUN 15 2017

Location Loc Qty Loc Code

FG 1

123482 1

ST315 9

152031 1

m137412 8

MS21042L3 Purchased No

100 Each 1,508.000 2

MS21042L3

Nut

**

~~136349~~

1

137459 X 3

24

DAS
6
9-89

JUN 15 2017

Location Loc Qty Loc Code

FP001 91

m135945 91

GA 464

m134360 102

M136665 362

ST303 953

m137073 11

m137166 3

m137321 939

137680

Friday, May 05, 2017 9:17:16 AM

Shop Packet Print

Page 6

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____							
Misidentified	☐	Past Due	☐								

Picklist Print

Friday, May 05, 2017 9:17:16 AM

Work Order ID: 160881

Parent Item: PB67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

160881

PB67-43001-01

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

100

Each

3,109.000

8

8/16

MS21042L 4

Nut

Location

Loc Qty

Loc Code

FP001

10

m133363

10

GA

148

m135058

148

OVER007

1400

m137371

1000

m137402

400

ST303

1551

m136986

3

m137166

12

m137321

1536

DAS

6

9-89

JUN 15 2017

MS21042L6

Purchased

No

100

Each

205.0000

4

48

MS21042L 6

Nut

Location

Loc Qty

Loc Code

OVER007

100

m137361

100

ST303

50

m137075

50

ST313

55

m136740

5

m136986

50

DAS

6

9-89

JUN 15 2017

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>								Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																								
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																								
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																								
Large Fab ☐	Composite ☐	Supplier ☐																									
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																			
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																			
Root Cause		FAULT CATEGORY																									
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																						
		OTHER : ☐																									

Picklist Print

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Work Order ID: 160881

160881

Parent Item: PB67-43001-01

PB67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-04

Purchased

No

100

Each

123.0000

2

24

MS27039-1-04

Screw

**

DAS
6
9-89

JUN 15 2017

Location

Loc Qty

Loc Code

ST281

123

m135910

23

m137371

100

MS27039-1-21

Purchased

No

100

Each

147.0000

2

24

MS27039-1-21

Screw

**

DAS
6
9-89

JUN 15 2017

Location

Loc Qty

Loc Code

ST280

147

m127904

147

MS51859-6

Purchased

No

100

Each

12.0000

4

4

MS51859-6

WASHER

**

DAS
6
9-89

JUN 15 2017

Location

Loc Qty

Loc Code

st268

12

m134502

12

MS51859-7

Purchased

No

100

Each

83.0000

4

4

MS51859-7

Washer

**

DAS
6
9-89

JUN 15 2017

Location

Loc Qty

Loc Code

st268

83

M135058

83

8

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date : _____		Step #: _____		QTY Effective : _____				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Page 9

Work Order ID: 160881

Parent Item: PB67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

160881

PB67-43001-01

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

MS51859-8 Purchased No

100 Each

201.0000 8

8/16

DAS
6
9-89

JUN 15 2017

MS51859-8

Washer

Location

Loc Qty

Loc Code

st268

201

m134606

201

NAS1149C0332R

Purchased

No

100 Each

4,178.000 4

1/6
4/8

DAS
6
9-89

JUN 15 2017

NAS1149C0332R

WASHER

Location

Loc Qty

Loc Code

FP001

3086

m136741

46

m137178

40

m137381

3000

GA

518

m133284

22

m136444

496

ST260a

200

m135408

0

m135908

200

m136741

0

ST266

374

m136643

374

NAS1149D1063J

NAS1149C1063

Purchased

No

100 Each

0.0000

2 2

NAS1149D1063.1

Washer

(NAS1149C0332R)

(108797)
[not pulled]

(4)

18057

JUN 21 2017

DAS
19
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

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Friday, May 05, 2017 9:17:16 AM

Work Order ID: 160881

160881

Parent Item: PB67-43001-01

PR67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

NAS1149DN632J Purchased No

100

Each

271.0000

6

NAS1149DN632.J

Washer

**

DAS

6

9-89

JUN 15 2017

Location

Loc Qty

Loc Code

ST265

271

m134370

271

NAS1149F0432P Purchased No

100

Each

2,417.000

16

NAS1149F0432P

WASHER

**

DAS

6

9-89

JUN 15 2017

Location

Loc Qty

Loc Code

ST260a

2000

M137361

1000

M137412

1000

ST262

417

M136442

417

NAS1149F0632P Purchased No

100

Each

96.0000

8

NAS1149F0632P

WASHER

**

DAS

6

9-89

JUN 15 2017

Location

Loc Qty

Loc Code

ST262

96

m134497

96

NAS43DD3-68 NAS43DD3-68FC Purchased No

100

Each

0.0000

2

NAS43DD3-68

Spacer

PB67-43001-07 Manufactured No

100

Each

0.0000

PR67-43001-07

Fwd Blade Fold Assembly Weldment

PB67-43001-11 Manufactured No

100

Each

0.0000

PR67-43001-11

Fwd Adjustable Blade Support Assembly

**

DAS

6

9-89

JUN 15 2017

**

JUN 21 2017

DAS

19

9-89

**

JUN 21 2017

DAS

19

9-89

Friday, May 05, 2017 9:17:16 AM

Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : ☐						
Misidentified ☐	☐	Past Due ☐							

Picklist Print

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Friday, May 05, 2017 9:17:16 AM

Work Order ID: 160881

160881

Parent Item: PB67-43001-01

PR67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

PB67-43001-15

Manufactured

No

100

Each

0.0000

1

1

PR67-43001-15

Fwd Adjustable Blade Support Assembly

160914

2 **

JUN 2 1 2017

DAS
19
9-89

PB67-43001-21

Manufactured

No

100

Each

0.0000

1

1

PR67-43001-21

Upper Blade Support And Cover Assembly

160904

2 **

JUN 2 1 2017

DAS
19
9-89

PB67-43001-23

Manufactured

No

100

Each

0.0000

1

1

PR67-43001-23

Lower Blade Support And Cover Assembly

160903

2 **

JUN 2 1 2017

DAS
19
9-89

PB67-43001-261

Manufactured

No

100

Each

1.0000

2

2

PR67-43001-261

Lever Arm

**

JUN 2 1 2017

DAS
19
9-89

Location

160905

Loc Qty

3

Loc Code

Mezz2

1

152090

1

PB67-43001-265

Manufactured

No

100

Each

4.0000

4

4

PR67-43001-265

Deltin Bushing

**

JUN 2 1 2017

DAS
19
9-89

Location

160921

Loc Qty

4

Loc Code

Mezz2

4

152110

PB67-43001-299

Manufactured

No

100

Each

1.0000

2

2

PR67-43001-299

Bushing

**

JUN 2 1 2017

DAS
19
9-89

Location

160814

Loc Qty

1

Loc Code

Mezz2

1

139216

PB67-43001-45

Manufactured

No

100

Each

0.0000

1

1

PR67-43001-45

Longitudinal Support

160915

2 **

JUN 2 1 2017

DAS
19
9-89

Friday, May 05, 2017 9:17:16 AM

Shop Packet Print

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DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																																																																				
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																																																																				
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																																																																				
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Picklist Print

Page 12

Friday, May 05, 2017 9:17:16 AM

Work Order ID: 160881

160881

Parent Item: PB67-43001-01

PR67-43001-01

Parent Item Name: Fwd Blade Fold Assembly

Start Date: 6/5/2017

Required Date: 7/18/2017

Start Qty: 1.00

Required Qty: 1.00

PB67-43001-51

Manufactured No

PR67-43001-51

Long T-Handle Assembly

160906 100

Each

0.0000

1

1

② **

JUN 21 2017

DAS
19
9-88

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

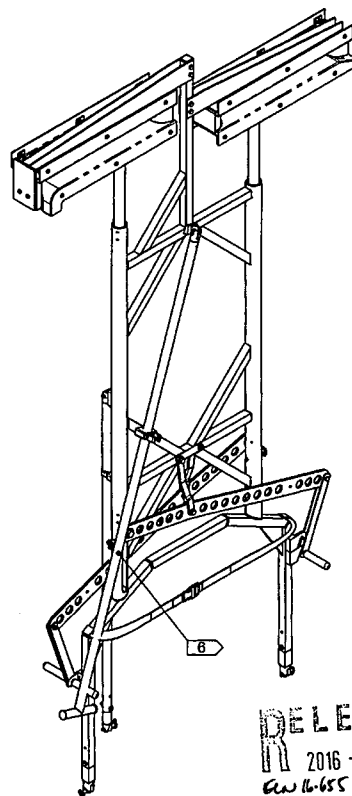
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step # : _____		QTY Effective : _____			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

ITEM	QTY. -01	P/N	DESCRIPTION
	X	B67-43001-01	FWD BLADE FOLD ASSY
1	1	B67-43001-07	FWD BLADE FOLD ASSY WELDMENT
2	1	B67-43001-11	FWD ADJUSTABLE BLADE SUPPORT ASSY
3	1	B67-43001-15	FWD ADJUSTABLE BLADE SUPPORT ASSY
4	1	B67-43001-21	UPPER BLADE SUPPORT AND COVER ASSY
5	1	B67-43001-23	LOWER BLADE SUPPORT AND COVER ASSY
6	1	B67-43001-45	LONGITUDINAL SUPPORT
7	1	B67-43001-51	LONG T-HANDLE ASSY
8	2	B67-43001-261	LEVER ARM
9	4	B67-43001-285	DELRIIN BUSHING
10	2	B67-43001-299	BUSHING
11	1	D3445-041	BELT ASSEMBLY
12	2	D3447-3	SQUARE SPACER
13	2	D3447-7	CLEVIS
14	2	D3447-9	SWING ARM
15	1	D3451-041	HANDLE & LOCK-DOWN ASSY
16	1	D3451-047	HANDLE & LOCK-DOWN ASSY
17	2	D3922-1	CLIP
18	2	30345T22	LANYARD
19	2	30345T24	LANYARD
20	2	AN4-10A	BOLT
21	2	AN4-13A	BOLT
22	4	AN4-15A	BOLT
23	2	AN6-11A	BOLT, MACHINE
24	2	AN6-16A	BOLT, MACHINE
25	2	AN8-13A	BOLT
26	4	BSP43	RIVET
27	2	CR3213-4-05	RIVET
28	8	MS171534	SPRING SLOTTED TENSION PIN (OR 240-107)
29	2	MS17984-C408	PIN, QUICK RELEASE
30	2	MS17984-C418	PIN, QUICK RELEASE
31	2	MS21042L3	NUT, SELF-LOCKING
32	8	MS21042L4	NUT, SELF-LOCKING
33	4	MS21042L6	NUT, SELF-LOCKING
34	2	MS27039-1-04	SCREW, PAN-HEAD
35	2	MS27039-1-21	SCREW, PAN-HEAD
36	4	MS51859-6	WASHER
37	4	MS51859-7	WASHER
38	8	MS51859-8	WASHER
39	2	NAS43DD3-68	SPACER
40	6	NAS1149DN632J	WASHER
41	16	NAS1149F0432P	WASHER
42	8	NAS1149F0632P	WASHER
43	2	NAS1149D1063J	WASHER
44	4	NAS1149C0332R	WASHER
45	A/R	242XX	LOCTITE 242 THREADLOCKER, BLUE

NOTES:

- 1) MATERIAL: NONE
- 2) FINISH: TOUCH UP PAINT WITH SANDFLEX GREEN.
POSSIBLE SUPPLIER BERTRAND BODY SHOP SUPPLIES P/N DART01K
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH RED LABEL
- 7) WEIGHT: 52.46 lbs
- 8) WITH THE INNER TUBE CRADLE ASSEMBLY LOCKED IN ITS LOWEST MOST RECESSED POSITION, TRANSFER DRILL $\varnothing$ 0.250 DIA HOLE FROM THE OUTER TUBE TO THE INNER TUBE AND THROUGH THE OUTER TUBE. DEBURR, REMOVE DEBRIS, AND TOUCH UP PAINT PER ITEM 2 AS REQUIRED. 2 PL.
- 9) INSTALL TEFLON TUBE BUSHING INSIDE THE OUTER TUBE.
MATCH DRILL BUSHING TO EXISTING HOLES IN OUTER TUBE USING 1/8" DIAMETER DRILL.
INSERT MS171534 (OR 240-107) SPRING SLOTTED PIN AND GRIND FLUSH WITH CONTOUR OF OUTER TUBE. 8 PL (2 PL PER BUSHING).
- 10) PERMISSIBLE TO TRIM NYLON WASHERS OR SUBSTITUTE WITH THINNER MS51859 EQUIVALENT
- 11) TRIM HEAD OF MS17984-C408 QUICK PIN FLUSH TO BODY AS SHOW. TOUCH UP WITH BLACK PAINT PRIOR TO FASTENING TO FRAME.



B67-43001-01 FWD BLADE FOLD ASSY

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 160881 MWS
120505

D	UPDATED HARDWARE AN5-16A WAS AN5-20A, NAS1149F0332R WAS NAS1149C0316P, NAS1149F01063J WAS NAS1149F0832P, UPDATED WEIGHT, CORRECT TYPOGRAPHICAL ERROR IN NOTES ITEM 9, SEE PAR15-437.	SAD	16.11.14
C	REDRAWN PREMIER AVIATION DRAWING IAW DART QSI 018 AND QSI 043. FOR PREVIOUS REVISIONS, REFER TO SHEET 2 OF PREMIER AVIATION DRAWING No. B67-43001. REASON: SEE PAR09-011	VS	10.06.11
REV.	DESCRIPTION	BY	DATE
DESIGN	RW	DART AEROSPACE LTD	
DRAWN	SAD	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MB	DRAWING NO.	REV. D
MFG. APPR.	DD	B67-43001-01	SHEET 1 OF 2
APPROVED	WM <i>WM</i>	TITLE	SCALE
DE APPR.	N/A	FWD BLADE FOLD ASSY	NTS
DATE	16.11.14	COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE, OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

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2016-11-09
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APPROVED

